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# Catalogue of Works on

# Alchemy and Chemistry



Exhibited at The Grolier Club,
29 East 32d St. New York,
Jan. 16th to Jan. 26th, 1891.

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## *PREFACE.*

*THE pseudo-science of Alchemy, with its attractive goals, its mystical associations, unprincipled charlatanism, and its honest self-deception, forms a fascinating chapter in the history of intellectual aberrations. Regarded as a phase of chemical science, to which it made prodigious contributions, students of chemical history find it an attractive field of research, and not a few chemical bibliophiles treasure the extraordinary literature born of a search for the Philosopher's Stone and the Elixir of Life. This literature, once so voluminous (a trade catalogue of 1868 contains 2500 numbers), is rapidly becoming scarcer, especially in the more desirable works.*

*The volumes exhibited have been selected by their owner from his private collection, numbering about two hundred and fifty volumes on Alchemy and seven hundred volumes on Chemistry (not comprising periodicals). To Grolierites they will look rather unattractive in the original and inferior bindings, but many are curiously illustrated, and some are interesting for their very poverty. The Catalogue has been very carefully prepared with technical accuracy, but economic reasons compelled short titles. Bibliographical and explanatory notes have been appended to the titles, in hopes of making the list more serviceable to non-professional readers. The editor alone is responsible for the data and the comments.*

# Alchemy and Chemistry

1 A B C VOM STEIN DER WEISEN. 4 Th. in 1 vol. [xi]–7–318–[i]; 348, 100; 299; 325–64–[iii] pp. Pl. 12°.
Berlin, 1782

Dedication signed by C. U. Ringmacher. Contains seventy-three alchemical treatises, some in brief abstracts or extracts.

2 AGRICOLA, GEORGE. De re metallica libri xii. . . eiusdem de animantibus subterraneis liber. [x]–502–[lxxiv] pp. Il. Sm. fo. Basileæ, 1556

The first edition was published at Basel in 1546; others followed in 1556, 1558, 1561, 1571, etc. Noted for its numerous interesting engravings of mining operations.

3 ALBERTUS MAGNUS. Philosophie naturalis Isagoge. . . lxxvi ff. Pl. Sm. 4°. [Colophon:] Vienne, 1514

Albert de Bollstadt, Bishop of Ratisbon, was the first German author on alchemy. His "Opera omnia," edited by Petrus Jammy, Leyden, 1651, occupy no less than 21 folio volumes, chiefly theological.

4 [ANDREÄ, JOHANN VALENTIN.] CHYMISCHE HOCHZEIT CHRISTIANI ROSENCREÜTZ, anno 1459 . . . 143 pp. 18°. Strassburg, 1616

For bibliographical notes and an English translation see A. E. Waite's "Real History of the Rosicrucians," London, 1887. The whole Rosicrucian controversy is said to center in this work.

5 ARTIS AURIFERÆ QUAM CHEMIAM VOCANT. Vols. I–II. 2 vols. 631; 525 pp. 16°. Basileæ, 1593

Contains 35 treatises. The first edition was published 1572. A German translation by Phillip Morgenstern was published at Basel in 1613, under the title: "Turba Philosophorum, das ist das Buch von der güldinen Kunst."

6 ASHMOLE, ELIAS. THE WAY TO BLISS, in Three Books. [vi]–220 pp. Sm. 4°. London, 1658

The author says that "Motion is the father of heat and doth beget and purchase it of nothing," theoretically anticipating modern doctrines. Book III, Chap. II, treats of the Philosopher's Stone.

7 ASHMOLE, ELIAS. THEATRUM CHEMICUM BRITANNICUM; containing poeticall pieces of our famous English philosophers who have written the Hermetique mysteries in their owne ancient language; with annotations. The first part. [xvi]–486–[viii] pp. Pl. Sm. 4°. London, 1652

Contains inserted portrait of Ashmole. Part II was never issued. Lenglet Du Fresnoy says of Ashmole: "Il avoit cette folie en tête sans peut-être la pratiquer, ou du moins sans y réussir." Ashmole was the well-known English antiquary who founded the Ashmolean Museum, Oxford.

8 BARCHUSEN, JOHANN CONRAD. PYROSOPHIA, SUCCINCTE IATROCHEMIAM, REM METALLICAM ET CHRYSOPŒIAM PERVESTIGANS . . . [xvi]–470 pp. Pl. Sm. 4°. Lugduni Batavorum, 1698

Barchusen, b. 1666, d. 1732, was professor of medicine and chemistry at Utrecht.

"Pyrosophia" has been supposed to be the first work in which the word *affinity* occurs, but Kopp shows it was used by Albertus Magnus. Lenglet Du Fresnoy says of this work: "La seconde et la troisième partie de cet ouvrage . . . sont très curieuses et méritent d'être lues. L'auteur qui étoit habile ne disconvient pas de la transmutation des métaux."

9 [BARRETT, FRANCIS.] THE LIVES OF ALCHEMYSTICAL PHILOSOPHERS, with a . . . Catalogue of Books in Occult Chemistry and a Selection of . . . Celebrated Treatises . . . of the Hermetic Art. 384–[ii] pp. 8°. London, 1815

Rare and much sought. The first part, revised and extended, was reprinted in 1888, by A. E. Waite, London. The bibliography is unsatisfactory, giving only one-line titles.

10 BASILIUS VALENTINUS. CHYMISCHE SCHRIFTEN . . . in drey Theile; samt . . . dem Leben des Basilii von B. N. Petraeo. 6. ed. [clviii]–1133–[clv] pp. Portrait. 16°. Leipzig, 1769

Notwithstanding the many works ascribed to this famous German alchemist, doubts are expressed as to his existence. The first edition of this collection by Petraeus was published at Hamburg in 1717. The earliest Latin collected works bear date 1700, also at Hamburg. For numerous German editions, see Schmieder.

11 BASILIUS VALENTINUS. TRIUMPHANT CHARIOT OF ANTIMONY, with annotations of Theodore Kirkringius. With the true book of Synesius, concerning the Philosopher's Stone. [xvi]–176 pp. 12°. London, 1678

The Latin version was published at Amsterdam in 1671, in 12°.

12 BECHER, JOHANN JOACHIM. CHYMISCHER GLÜCKS-HAFEN; oder, Grosse chymische Concordantz und Collection von 1500 chymischen Processen. [viii]–810–[xxxv] pp. Sm. 4°. Franckfurt, 1682

A large collection of chemical recipes by a noted German physician and alchemist. Becher and Stahl introduced the theory of phlogiston into chemical science.

13 BERNARDUS TREVISANUS. CHYMISCHE SCHRIFFTEN VON DEM GEBENEDEYTEN STEIN DER WEISEN; aus dem Lateinischen ins Teutsche übersetzet mit des Herrn Joachim Tanckens Anmerckungen, ans Liecht gestellet durch Caspar Horn.

Contains also: DICTA ALANI; and METALLURGIA, VON EINEM PHILOSOPHO HERMETICO, beschrieben und publiciret durch J. Tanckium. [lxxxxviii]–390–[iv] pp. Pl. 12°. Nürnberg, 1747

Bernardo, Count of Treviso, b. 1406, d. 1490, is also called Trevirensis, but erroneously. The first edition of his "Opera" appeared at Antwerp in 1565, in French. The first in German was issued at Strassburg, 1574.

14 BERTHELOT, M., AND RUELLE, C. E. COLLECTION DES ANCIENS ALCHIMISTES GRECS. [Greek and French.] 2 vols. xxviii – 268, 1–429; 1–459 pp. Il. 4°.
Paris, 1887–88

The very earliest chemical treatises in the original (and in French) are here reproduced for the first time, by the distinguished editors. An invaluable contribution to the history and bibliography of chemistry. Only 150 copies printed, of which this is No. 31.

15 BEUTHER, DAVID. UNIVERSAL UND PARTICULARIA, worin die Verwandelung geringer Metalle in Gold und Silber klahr gelehret wird . . . nebst einer Vorrede J. C. Sprögels. [xxx] – 140 – [iv] pp. Pl. 12°.
Hamburg, 1718

Beuther was alchemist to Elector Augustus of Saxony, 1575 to 1582. His adventures, imprisonment, and suicide are graphically told by Kunkel and by Wiegleb.

16 BOERHAAVE, HERMANN. A NEW METHOD OF CHEMISTRY . . . translated by P. SHAW and E. CHAMBERS. xvi – 383 – 335 – [xliii] pp. Pl. 4°. London, 1727

Translated from the Latin edition of 1724, issued surreptitiously, and repudiated by Boerhaave, who published an authentic work in 1732, in two volumes.

16A BOERHAAVE, HERMANN. A NEW METHOD OF CHEMISTRY . . . translated from the original Latin of Dr. Boerhaave's ELEMENTA CHEMIÆ as published by himself. By Peter Shaw. 2 vols., xxx – 593; [i] – 410 – [xxxvii] pp. Pl. 4°. Third edition.
London, 1753

A translation of the authentic edition.

17 BOLTON, HENRY CARRINGTON. CONTRIBUTIONS OF ALCHEMY TO NUMISMATICS. 44 pp. Pl. 4°. New-York, 1890

Read before the N. Y. Numismatic and Archæological Society, Dec. 5, 1889. 175 copies printed.

18 BOLTON, HENRY CARRINGTON. PRIESTLEY MEMORIAL SCRAPBOOK. New-York, 1875

This contains historical records of the Centennial celebration of Priestley's discovery of oxygen, held at Northumberland, Pa., Aug. 1, 1874. It comprises newspaper cuttings, autograph letters of chemists, broadsides, autographs of chemists attending the meeting, printed proceedings from the *American Chemist*, photographs of scenes in Northumberland, of the assembled chemists, of Priestley's house, apparatus, portrait, etc.

19 [BONUS, PETRUS.] PRETIOSA MARGARITA NOVELLA DE THESAURO, AC PRETIOSISSIMO PHILOSOPHORUM LAPIDE . . . Collectanea ex Arnaldo, Rhaymundo . . . per Ianum Lacinium nunc primum edita. [xx] – 202 – [xv] ff. Il. 12°.

[Apud Aldi filios, Venetiis,] 1546

The "Pretiosa Margarita novella," was written about 1330 by Petrus Bonus of Ferrara. *Cf.* LACINIUS, JANUS.

20 BOREL, PIERRE. BIBLIOTHECA CHIMICA; seu, Catalogus librorum philosophicorum hermeticorum . . . [xii] – 276 pp. 32°. Parisiis, 1654

The first extensive catalogue of chemical books, containing, as Borel claims, the names of 4000 authors, but very incomplete and unsatisfactory.

21 BOULTON, SAMUEL. MEDICINA MAGICA TAMEN PHYSICA: Magical, but natural Physick . . [viii] – 195 pp. 12°.
London, 1656

The preface is signed Samuel Bolton. The work treats of cures by sympathy, rather than of alchemy.

22 [BOYLE, ROBERT.] THE SCEPTICAL CHYMIST; OR, CHYMICO-PHYSICAL DOUBTS AND PARADOXES . . . Subjoyn'd Experiments and Notes about the Producibleness of Chymical Principles. [xxi] – 440 – [xxvii] – 268 pp. 16°. Oxford, 1680

First edition was published in 1661. This is the first clear statement of the molecular or atomic idea in chemical philosophy, and is by the distinguished Irish experimental philosopher.

23 BOYLE, ROBERT. THE WORKS OF ROBERT BOYLE, epitomized by Richard Boulton. 4 vols., 12°: I, [xxviii] – 482 – [xii] pp. Portrait and 8 Pl.; II, [x] – 523 – [ix] pp. 7 Pl.; III, [xiv] – 552 – [viii] pp. 5 Pl.; IV, [xii] – 365 – [vii] – 122 pp. London, 1699–1700

The importance of Boyle's discoveries and the diffuseness of his style led to the issue of two abridged editions of his collected works, the above, and a subsequent one by Peter Shaw, in 3 vols. 4to., London, 1725. Boyle's complete works, edited by Birch, were published in 5 vols. folio, London, 1744.

24 BRUNSCHWICK, IHERONIMUS. LIBER DE ARTE DISTILLANDI DE COMPOSITIS . . . [i] – 344 – [vi] ff. Plates. Folio. [Colophon:] Strassburg, 1512

The first edition was published in 1500; an English translation by Laurence Andrew was published at London in 1527, in folio.

25 CLAVIER DU PLESSIS. MYTHO-HERMETISCHES ARCHIV. Ein periodisches Werk. Aus dem Französischen. Erster Band. 160–32 pp. 18°. Gotha, 1780

This *periodical* devoted to alchemy died with the first number.

26 CAMBRIEL, L. P. F. COURS DE PHILOSOPHIE HERMÉTIQUE OU D'ALCHIMIE . . . 215 pp. Pl. 12°. Paris, 1843

The author claims to teach the secrets of transmutation in nineteen lessons, and offers a premium of 25,000 francs for each 1000 francs loaned him toward completing his discovery. His address in Paris is *Judas* street!

27 . . . CHYMICA VANNUS . . . INVENTA . . . PER MYSTERIARCHAM MERCURIUM VELUT VIOCURIUM, SEU MEDICURIUM . . . 292 – [ii] — 76 – [i] pp. Sm. 4°. Amstelodami, 1666

The 76 pages at the end contain, by the same author, COMMENTATIO DE PHARMACO CATHOLICO . . . a sermonismo in Latinismum trajecta.

28 COHAUSEN, JOHANN HEINRICH. LUMEN NOVUM PHOSPHORIS ACCENSUM; sive, Exercitatio physico-chymica de causa lucis in Phosphoris. . . . [xxvi]–306–[xviii] pp. Pl. 24°. Engraved title-page. Amstelodami, 1717

An early work on phosphorescence, with several interesting plates, by a physician of Münster, b. 1665, d. 1750.

29 COLLECTANEA CHYMICA; A COLLECTION OF TEN TREATISES IN CHYMISTRY, concerning the Liquor Alkahest, the Mercury of Philosophers. . . . 193–32–16 pp. 12°. London, 1684

Contains essays by Eir. Philaletha, Anonymus, J. B. Van Helmont, Fr. Antonie, Bern-

hard, Earl of Trevisan, Sir Geo. Ripley, Rog. Bacon, Geo. Starkey, and Sir Hugh Platt; also the Tomb of Semiramis.

Appended is George Starkey's "Pill Vindicated." *See* WILSON, GEORGE.

30 COOPER, WILLIAM. THE PHILOSOPHICAL EPITAPH OF WILLIAM COOPER. Also, A BRIEF OF THE GOLDEN CALF (The World's Idol), by *J. F. Helvetius*. And the GOLDEN ASS WELL MANAGED, and MIDAS RESTOR'D TO REASON, by *J. R. Glauber*. With JEHIOR, OR THE DAY-DAWNING, OR LIGHT OF WISDOM. With a Catalogue of Chymical Books. [xvii]-16-[vi]—[x]-41—[xi]-36-56—[xviii]-78-[v]—[lxxxvii] pp. Pl. 18°.

London, 1673

Engraved title. The date of the catalogue is 1675.

Helvetius's "Vitulus Aureus" was published at Amsterdam in 1667. The story of the conversion of this Dutch physician to a belief in transmutation is very entertaining. Cooper's bibliography is not without value.

31 CROLL, OSWALD. HERMETISCHER PROBIER STEIN. . . . von *Johann Hartmann*. Neben angehengten Crollischen Tractätlein von den innerlichen Signaturen oder Zeichen aller Dinge und dem Hermetischen Wunderbaum ins Teutsche versetzet. [viii]-392—[xvi]-61—[x]-83 pp. Il. Pl. Sm. 4°.

Frankfurt am Mayn, 1647

The engraved title-page reads: Basilica chymica, oder Alchÿmistisch königlich Kleÿnod . . . The half-title: Chymisch Kleynod . . . First edition was published in 1608.

32 CROLL, OSWALD. BAZILICA CHYMICA ET PRAXIS CHYMIATRICÆ; or Royal and Practical Chemistry. In three Treatises. . . . being a translation of OSWALD CROLLIUS HIS ROYAL CHYMISTRY . . . by *John Hartman.* . . . Signatures of Internal Things. . . . The Practice of Chymistry by *John Hartman.* [vi]-180-[xvi]-37-[xi]-186-[xix] pp. Sm. folio. London, 1670

Croll was a follower of Paracelsus, and introduced several medicines useful to the physician.

33 DALTON, JOHN. A NEW SYSTEM OF CHEMICAL PHILOSOPHY. 2 parts: vi, [i]-220; viii, from 221-560 pp. Pl. 8°. Manchester [and] London, 1808-10

An epoch-making work in which the immortal author established the atomic theory of chemistry.

34 DE ALCHEMIA DIALOGI DUO . . . 147 pp. 12°. Lugduni, 1548

One dialogue gives the opinions of Geber, and the other gives those of Raymondus Lullius.

35 DONATO D'EREMITA (FRA). DELL' ELIXIR VITÆ. Libri quattro. [xii]-182 pp. 19 pl. Sm. folio. Napoli, 1624

*Two copies; with one is bound:*

DONATO D'EREMITA (FRA). ANTIDOTARIO. Diviso in libri tre. [vi]-142 pp. Il. Sm. folio. Napoli, 1639

Very little seems to be known of this author. He is not mentioned by Schmieder, Borel, Kopp's Geschichte, Kopp's Alchemie, Hoefer, Gmelin, Roth-Scholtz, or Fuchs. Lenglet Du Fresnoy catalogues only the Elixir Vitæ, and adds: "On voit que jusques à ces derniers temps, les Religieux ne sont pas difficulté de se mêler de la science

Hermétique. Et il vaut mieux qu'ils s'y appliquent que de faire d'autres choses, qui ne leur conviennent pas." Vol. III, p. 147. Of the Antidotario only one Book was published.

36 DREBBEL, CORNELIUS. GRONDIGE OPLOSSINGE VAN DE NATUUR EN EYGENSCHAPPEN DER ELEMENTEN . . . ; als mede een klare beschryving van de quinta essentia . . . 24–108 pp. Pl. 24°. Amsteldam, 1732

The engraved title-page is dated 1709. Contains a woodcut and description of an experiment that has caused the author to be erroneously credited with the invention of the thermometer. The first edition in Latin was published in 1621.

37 DUVAL, ROBERT [ROBERTUS VALLENSIS]. DE VERITATE ET ANTIQVITATE ARTIS CHEMICÆ ET PULVERIS. . . . 46 pp. 16°. Lugduni-Batavorum, 1593

The FIRST history of chemistry. The first edition was published at Paris in 1561. Professor John Ferguson, of Glasgow, published in 1886 a critical bibliography of Duval, noted for accurate and profound scholarship.

*This copy of Duval's work has bound with it:*

DE TRANSFIGURATIONE METALLORVM . . . Libellus, MORIENO ROMANO . . . Accessit . . . ΧΡΥΣΟΡΡΗΜΩΝ, sive de arte chymica dialogus. 79 pp. 16°. Hanoviæ ad Mœnum, 1593

This edition of Morienus is unknown to Professor Ferguson.

38 EDELGEBORNE (DIE) JUNGFER ALCHYMIA . . . [xxiv]–424 pp. 12°. Two copies. Tübingen, 1730

An anecdotal history of transmutations. The author conceals his name in the motto: Victrix Fortunæ SaPientia.

39 ELEAZAR, ABRAHAM. URALTES CHYMISCHES WERK . . . nebst zugehörigen Kupffern, Figuren, Gefässen, Oefen . . . wie auch beygefügten Schlüssel. In II Theilen. [xxx]–122 —[xvi]–87–[xxvii] pp. 12°. Pl.
Erfurt, 1735

Hermann Kopp, the eminent historian of alchemy, states he has never seen this (first) edition. Part II. has the title: Donum Dei Samuelis Baruch.

40 FICTULD, HERMANN. DER LÄNGST GEWÜNSCHTE UND VERSPROCHENE CHYMISCH-PHILOSOPHISCHE PROBIER-STEIN, auf welchem sowohl der wahrhafften hermetischen Adeptorum als der verführischen und betrügerischen Sophisten Schrifften sind probirt . . . und beschrieben in zweyen Classen. . . . 2 pts. in 1 vol. 170, 171 pp. 12°.
Franckfort und Leipzig, 1753

The author divides all chemical writers into adepts (who know the secrets of transmutation) and sophisters (who only pretend to this art); alphabetizing under each head.

41 FLAMEL, NICOLAS. HISTOIRE CRITIQUE DE FLAMEL, ET DE PERNELLE SA FEMME; par M. L. V. . . . [Villain.] [xii]–403–[iv] pp. Pl. 12°.
Paris, 1761

Portrait inserted. The author makes a critical examination of original documents, and shows the baselessness of the claims made by alchemists regarding Flamel.

42 [FUCHS, G. F. C.] REPERTORIUM DER CHEMISCHEN LITTERATUR von 494 vor Christi Geburt bis 1806 in chronologischer Ordnung. 2 Bd.: viii–648 pp.; vi–694 pp. 12°.
Jena und Leipzig, 1806–11.

Was completed only to 1799 inclusive. Vol. II. contains no Index.

43 GEBER. WORKS, faithfully Englished by R[ichard] R[ussell]. [xvi]–302 pp. 12°. London, 1678

Geber, properly Abu-Mussa-Djafar al Sofi, was an Arabian physician of the eighth century. His Arabic manuscripts are preserved in Leyden, Paris, and Rome. The first Latin versions were published at Strassburg, 1529, in folio; Bern, 1545, 4to, etc. His small treatises are found in many modern languages and numerous editions.

44 GLAUBER, JOHANN RUDOLPH. WORKS, CONTAINING GREAT VARIETY OF CHOICE SECRETS IN MEDICINE AND ALCHYMY. . . . translated into English by C. PACKE. [xii]–440—[iv]–220–92–[xi] pp. Plates. Folio. London, 1689

The distinguished discoverer of Glauber's salts left more than forty treatises, some of which were collected and published in German in 1656 and 1661.

45 [GRASSHOF, JOHANN.] DYAS CHYMICA TRIPARTITA; das ist, Sechs herrliche teutsche philosophische Tractätlein, durch H. C. D. [D. Hermannus Condeesyanus.] 87–150 pp. Pl. 12°. Franckfurt am Mayn, 1625

The 6 tracts are: [1]An anonymous work, "Vom philosophischen Steine"; [2]Henr. Madathanus "Aureum Seculum redivivum"; [3]Vier Tractätlein, Bas. Valentini; [4]Lampert Spring's "Lambspring"; [5]An anonymous tract of 1423; [6]The anonymous "Liber Alze."

The publisher, L. Jennis, issues with this: "Hermetico-Spagyrisches Lustgärtlein," containing 6 pp. of text, and 14 folded plates, on 10 of which are about 160 chemical emblems, first published in J. D. Mylius's "Opus Medico-chymicum." Two copies of the latter.

46 GUERICKE, OTTO VON. EXPERIMENTA NOVA (ut vocantur) MAGDEBURGICA DE VACUO SPATIO . . . nunc perfectiùs edita . . . [xiv]–244–[v] pp. Portrait and Plates. Folio. Amstelodami, 1672

This well-known work contains cuts of the air-pump and of the friction electrical machine invented by the author, a burgomaster of Magdeburg.

47 GUYTON DE MORVEAU, LOUIS BERNARD. MÉTHODE DE NOMENCLATURE CHIMIQUE, proposée par MM. de Morveau, Lavoisier, Berthollet, et de Fourcroy; on y a joint un nouveau système de caractères chimiques, par MM. Hassenfratz et Adet. [iii] – 314 pp. Pl. 8°. Paris, 1787

The corner-stone of modern chemical terminology.

48 HALES, (REV.) STEPHEN. VEGETABLE STATICKS; or, an Account of Statical Experiments on the Sap in Vegetables . . . Also, a Specimen of an Attempt to Analyze the Air. . . . [vii] – [ix] – 376 pp. Pl. 12°.
London, 1727

A remarkable contribution to the chemistry of the atmosphere before the days of Black, Priestley, and their contemporaries, by a divine and botanist.

49 HELVETIUS, J. F. [Ger. SCHWEITZER.] THEATRIDIUM HERCULIS TRIUMPHANTIS; ofte kleyn Schouwtoonel van den triumpherenden Hercules. . . . [xvi] – 199 pp. Portrait. 12°. 's Graven-Hage, 1663

A work by the Dutch physician who afterwards became a zealous alchemist and author of "Vitulus aureus." *Cf.* COOPER, WILLIAM.

50 HOFFMANN, JOHANN MORITZ. ACTA LABORATORII CHEMICI ALTDORFINI. . . . [iv] – 288–54 – [xiv] pp. Portrait. Sm. 4°.
Norimbergæ et Altdorfii, 1719

The two appendices are entitled: Auctuarium and Laboratorium novum chemicum.

Probably the first work issued from a chemical laboratory and dealing with experiments conducted therein.

51 HOLLAND, JOHANN ISAAK. SAMMLUNG CHYMISCHER SCHRIFTEN . . . Neue Auflage. . . . [xvi] – 762 pp. Plates. 12°. Wien, 1773

Schmieder says Johann and Isaac were father and son. They lived in the fifteenth century, and are accounted successful adepts in transmutation.

52 JOHNSON, WILLIAM. LEXICON CHYMICUM; cum obscuriorum verborum et rerum hermeticarum . . . planam explicationem continens. [xvi] – 250 pp. 16°. London, 1652

The first edition. Reprinted in Manget's "Bibliotheca chemica curiosa," 1702. Not so full as Martin Ruland's lexicon, *q. v.*

53 KRIEGSMANN, WILHELM CHRISTOPH. TAAUT, ODER AUSSLEGUNG DER CHYMISCHEN ZEICHEN . . . [iv] – 75 – [iv] pp. Plates. 18°. Franckfurt, 1665

Bound with Andreä's "Chymische Hochzeit."

54 LACINIUS, JANUS [OF CALABRIA]. PRETIOSA MARGARITA, ODER NEU-ERFUNDENE KÖSTLICHE PERLE, VON DEM . . . STEIN DER WEISEN. . . . in das Teutsche übersetzet von Wollfgang Georg Stollen. [xxiv] – 468 – [xxxvi] pp. Sm. 4°. Il. Leipzig, 1714

A German version of No. 19.

55 LAVOISIER, ANTOINE LAURENT. OPUSCULES PHYSIQUES ET CHYMIQUES. 2 pts. in 1 vol. [i] – xxx – [i] – 436 pp. Plates. 8°. Paris, 1774

Published in the year that Priestley discovered oxygen, and gives a historical summary of the chemical knowledge of gases to that date by a master-hand.

56 LAVOISIER, ANTOINE LAURENT. Traité élémentaire de chimie. 2 vols. xliv – 322; viii – from 323 to 653 – [ii] pp. Folding plates. 8°. Paris, 1789

[Le même.] 2e édition. 2 vols.: xliv – 322; viii – 331 pp. Folding plates. 8°. Paris, 1793

The first text-book presenting the French systematic nomenclature, and abandoning the phlogistic theory.

57 LEFEBVRE, NICOLAS. Traicté de la chymie . . . 2 vols.: [lxvi] – 556; [i] – from 557 to 1216 – [xxi] pp. 24°. Leyde, 1669

Also with engraved title-pages. The first edition was issued in 1660. Lefebvre was demonstrator of chemistry at the Jardin des Plantes. His work is logical, systematic, and free from affectation of mystery.

58 LEMERY, NICOLAS. A Course of Chymistry . . .; with Appendix. Translated by Walter Harris. [xxxiv] – 323 – [xv] — [xv] – 140 – [xii] pp. 12°. London, 1680.

The title-page to "A Course of Chymistry" is dated 1677.

A translation of the first edition of Lemery's "Cours de Chymie," 1675. This work went through fourteen editions in French, and was translated into German, Italian, and Spanish.

59 [LENGLET DU FRESNOY, NICOLE.] Histoire de la philosophie hermétique, accompagnée d'un catalogue raisonné des écrivains de cette science . . . 3 vols. xxiii – 506; xxxii – 120 – 360; xxii – 432 pp. 12°. Paris, 1742

Portrait inserted.

This credulous author includes among the alchemists, the sons of Noah, Moses, Cleopatra, and Caligula. The

bibliography is nevertheless useful, comprising one thousand authors; his notes are often amusing. For his life and writings, see Michault, J. B.

60 LERMINA, JULES [EDITOR]. COLLECTION D'OUVRAGES RELATIFS AUX SCIENCES HERMÉTIQUES: L'or et la transmutation des métaux, par G. T. Tiffereau. Mémoires et conférences précédés de Paracelse et l'alchimie au 16e siècle, par M. Franck. ix – 182 – [i] pp. 12°. Paris, 1889

Tiffereau's extraordinary claim to transmutation first appeared at Paris in 1855.

61 LIBAVIUS [Ger. LIBAU], ANDREAS. ALCHYMIA, RECOGNITA, EMENDATA, ET AUCTA . . . [xx] – 196 – [xii] – [x] – 402 – 192 – [x] pp. Il. Folio. Francofurti, 1606

The first edition was dated 1595. This has been called the First Text-book of Chemistry. It contains, however, a chapter on the philosopher's stone.

62 LIBER MUTUS. [i] – 43 pp. 17 Plates. Sm. 4°. N. p. n. d. Manuscript.

The fifteen engraved plates of the "Liber Mutus," in this French manuscript colored by hand, were first published by Denis Tollé, of Rochelle, 1677, and were the work of Jacob Saulat Démarets, who anagrammatized his name as Altus. The fifteen plates pretend to portray the secrets of transmutation, but are intelligible only to adepts.

Pages 7–43 contain: "Description du fourneau ou Athanor philosophique," with two plates.

This neatly written manuscript dates probably about the close of last century.

63 LULLIUS, RAYMONDUS. ARBOR SCIENTIÆ. [iv] – 681 – [xix] pp. Pl. Sm. 4°. [Lugdunum,] 1515

Lully is credited with five hundred writings, of which only a small number treat of alchemy. Schmieder catalogues twenty-five regarded by him as genuine.

64 LULLIUS, RAYMONDUS. CODICILLUS SEU VADE MECUM quo fontes alchimicæ artis ac philosophiæ reconditioris traduntur. 2d ed. 248 pp. 12°. Coloniæ, 1572

Lully's Last Testament was greatly valued by the alchemists for centuries. It passed through many editions.

65 LULLIUS, RAIMONDUS. LA CLAVICULE, OU LA SCIENCE DE LULLI; avec toutes les figures de rhétorique, par le Sieur Jacob; et la vie [de] Lulli par M. Colletet. [xxix] – 252 – [iv] pp. 12°. Paris, [1646]

66 MAIER, MICHAEL. EXAMEN FUCORUM PSEUDO-CHYMICORUM. 47 pp. Vignette. Sm. 4°. Francofurti, 1617

Bound with "Atalanta fugiens." The author was physician to Rudolph II. of Germany. His mystical and well illustrated works are sought by bibliophiles. He gave an alchemical interpretation to Greek and Roman mythology.

67 MAIER, MICHAEL. ATALANTA FUGIENS; hoc est, Emblemata nova de secretis naturæ chymica . . . figuris cupro incisis, adjectisque sententiis . . . plus minus 50 fugis musicalibus trium vocum . . . 211 – [iii] pp. Sm. 4°. Oppenheimii, 1618

Republished in 1687, but without the music, under the title "Scrutinium chymicum."

68 MAIER, MICHAEL. SCRUTINIUM CHYMICUM . . . iterata vice . . . deprom-tum. [vi] – 150 pp. Il. Sm. 4°. Francofurti, 1687

A reissue of "Atalanta fugiens," but omitting the music.

69 MAIER, MICHAEL. CHYMISCHES CABINET DERER GROSSEN GEHEIMNUSSEN DER NATUR durch Kupfferstiche und Emblemata . . . in das Hochteutsche übersetzet von G. A. K. . . . [iv] – 153 pp. Il. Sm. 4°.
Franckfurt, 1708

A German version of "Scrutinium Chymicum" (No. 68).

70 MAIER, MICHAEL. ARCANA ARCANISSIMA; hoc est, Hieroglyphica Ægyptio-Græca . . . ad demonstrandam falsorum apud antiquos deorum . . . originem . . . [xii] – 285 – [xiv] pp. Sm. 4°. S. l. [1614?]

Lenglet Du Fresnoy says of this: "Très rare, très curieux, et recherché des amateurs."

71 MAIER, MICHAEL. SYMBOLA AUREÆ MENSÆ DUODECIM NATIONUM; hoc est, Hermæa, seu Mercurii festa ab heroibus duodenis selectis artis chymicæ usu, sapientia et authoritate paribus celebrata . . . [xx] – 621 – [xlii] pp. Il. Portrait. Sm. 4°. Francofurti, 1617

72 MAIER, MICHAEL. TRIPUS AUREUS; hoc est, Tres tractatus chymici, nempe, I. Basilii Valentini Practica . . . ex Germanico; II. Thomæ Nortoni Crede mihi seu Ordinale in Latinum translatum; III. Cremeri Testamentum . . . 196 pp. Portrait. Il. Sm. 4°.
Francofurti, 1618

Norton's "Ordinall" in English is found in Ashmole's "Theatrum," *q. v.*

73 MAIER, MICHAEL. VIATORIUM; hoc est, De montibus planetarum septem seu metallorum . . . 136 pp. Il. Sm. 4°.
Oppenheimii, 1618

Two copies, one bound with "Tripus aureus."

74 MANGET, J. J. BIBLIOTHECA CHEMICA CURIOSA; seu, Rerum ad alchemiam pertinentium thesaurus . . . 2 vols. 938; 904 pp. Portrait and plates. Folio.
Genevæ, 1702

A collection of 133 treatises on alchemy. The bibliographical notes are not without value.

75 MANUSCRIPT. Transcription of Work by JOANNES DE PADUA, composed in 1212. 148 pp. N. d. n. p.

Neatly written in German script.

76 MARAT, JEAN PAUL. RECHERCHES PHYSIQUES SUR LE FEU. [iii] – 202 – [ii] pp. Plates. 8°. Paris, 1780

One of the several treatises by this physician published before he entered on his career as a bloodthirsty demagogue of the Reign of Terror.

77 MATHEW, RICHARD. THE UNLEARNED ALCHYMIST HIS ANTIDOTE; or, A more full . . . Explanation of the Use, Virtue and Benefit of my Pill. . . . [xv] – 204 pp. 12°.
London, 1662

See note to WILSON, GEORGE.

78 MEDICINISCH-CHYMISCH UND ALCHEMISTISCHES ORACULUM . . . [vi] – 71 pp. Pl. 8°. Ulm, 1772

A collection of over 2000 signs, symbols, and secret characters used by alchemists to designate substances, apparatus and processes. *Cf.* SOMMERHOFF.

79 [MICHAULT, JEAN BERNARD.] MÉMOIRES POUR SERVIR À L'HISTOIRE de la vie et des ouvrages de M. L'ABBÉ LENGLET DU FRESNOY. Pp. 225. 18°. Londres, 1761

Contains a full bibliography, with annotations.

MORIENUS.—See under DUVAL.

80 MUSÆUM HERMETICUM REFORMATUM ET AMPLIFICATUM . . . continens Tractatus chimicos XXI . . . [viii]–863 pp. Pl. Sm. 4°.
Francofurti, apud Herm. à Sande, 1678

Also with engraved title-page.
The first edition, dated 1625, Frankfurt, contained only nine treatises. The present one contains twenty-one; a serviceable collection.

81 OSTEN, HANS VON. EINE GROSSE HERZSTÄRKUNG FÜR DIE CHYMISTEN . . . im Kloster zu Oderberg seit 1426 aufbehalten durch Von Osten. . . [xv]–108 pp. Pl. 12°.
Berlin, 1771

82 PARACELSUS. [AUREOLUS PHILLIPUS THEOPHRASTUS BOMBAST VON HOHENHEIM.] OPERA OMNIA MEDICO-CHEMICO-CHIRURGICA. 3 vols.: 34–828–39; 22–718–32; 12–212–37 pp. Portrait. Folio.
Genevæ, 1658

The editions of Paracelsus are numbered by scores, and would form a library by themselves. They have been catalogued by Dr. Friedrich Mook (Würzburg, 1876), who is, however, justly criticized by Prof. John Ferguson, of Glasgow (1877 and 1885). The collection of Paracelsus's works formed by Dr. Constantine Hering of Philadelphia is preserved in the library of the Homœopathic Medical College in that city.

83 PARACELSUS. [AUREOLUS PHILLIPUS THEOPHRASTUS BOMBAST VON HOHENHEIM.] OF THE NATURE OF THINGS, nine books. (In SENDIVOGIUS, M. New Light of Alchymie. 1650.)

Inserted portrait.

84 PASCAL, BLAISE. TRAITEZ DE L'ÉQUILIBRE DES LIQUEURS, ET DE LA PESANTEUR DE LA MASSE DE L'AIR . . . [xxvi]–238 pp. Pl. 16°. Paris, 1698

The author first applied the barometer to measurement of heights on the Tour St. Jacques (still one of the beautiful towers of Paris), and on the Puy de Dôme in 1648. His name is indelibly associated with the Port Royalists.

85 PERNETY, A. J. DICTIONNAIRE MYTHO-HERMÉTIQUE . . . xxiv–546 pp. 12°. Paris, 1787

86 PERNETY, A. J. LES FABLES ÉGYPTIENNES ET GRECQUES, dévoilées et réduites au même principe; avec une explication des hiéroglyphes, et de la guerre de Troye. 2 vols. xvi–580–[iv]; [iii]–627–[v] pp. 12°. Paris, 1758

In both these works the author amplifies ideas advanced by Michael Maier, a century earlier.

87 PETTUS, (SIR) JOHN. FLETA MINOR. THE LAWS OF ART AND NATURE in Knowing, Judging, Assaying . . . and Inlarging the Bodies of Confin'd Metals; in two parts . . . [xlii]–345; [viii]–130 pp. Portrait. 44 pl. Folio. London, 1686

Part 1 contains "Assays of Lazarus Erckern, in five books, originally written in the Teutonick language, and now translated into English."
Part 2 contains "Essays on Metallick Words . . 1683."

88 PRIESTLEY, (REV.) JOSEPH. DIRECTIONS FOR IMPREGNATING WATER WITH FIXED AIR, to communicate to it the pecu-

liar Spirit and Virtues of Pyrmont Water. [i]–iii–22 pp. Pl. 12°. London, 1772

Portrait inserted. The origin of modern soda-water, so-called. Priestley's first chemical publication, antedating by two years his discovery of oxygen.

89 PRIESTLEY, (Rev.) JOSEPH. Experiments and Observations on different kinds of Air. 3 vols.: I. xxiii–[iv] 324–[iv]–84; II. xliv–399–[xv]; III. xxxiv–[vi]–411–[xii] pp. Pl. 8°.
London, 1781–84, 1777

Vol. I is 3d edition; Vol. II is 2d edition. The first edition of Vol. I is 1774; Vol. II, 1775; Vol. III, 1777.

89A PRIESTLEY, (Rev.) JOSEPH. Experiments and Observations relating to various Branches of Natural Philosophy; with a continuation of the Observations on Air. 3 vols.: I. xxxii–490–[iv]; II. xx–[x]–408; III. xxxii–454 pp. Pl. 8°.
London [Vols. II.–III. Birmingham], 1779–86

The most important works by the divine and philosopher who discovered nine gases and laid the foundations of pneumatic chemistry.

90 R[ICHEBOURG], J. M. D. Bibliothèque des philosophes chimiques . . . Nouvelle édition. Par Mons. J. M. D. R. 4 vols.: cxliv–384–[40]; 564; 522–[4]; viii–590 pp. 12°. Paris, 1740–54

Title of Vol. IV is: "Bibliothèque des Philosophes alchimiques ou hermétiques . . ."

The four volumes are rarely found together, fourteen years having elapsed between Vols. III and IV. The work contains thirty-three treatises.

91 RIPLEY, GEORGE. Ripley Reviv'd; or, An Exposition upon Sir George Ripley's Hermetico-poetical Works . . ., written by Eirenæus Philalethes. [xvi]–47–[i]–389–[iv]–10–[i]–28–[iv]–25–[iii] pp. 18°. London, 1678

The engraved title reads: "Domus naturæ."

Ripley's "Compound of Alchymie," dated 1471, is found in Ashmole's "Theatrum," *q. v.*

92 RIPLEY, GEORGE. Chymische Schrifften . . . ins Teutsche übersetzet durch B. Roth-Scholtzen. [i]–233–[iii] pp. Pl. 12°. Wienn, 1756

Bound with Sendivogius's "Chymische Schrifften," 1749. — Contains also: "Artephii Geheimer Haupt-Schlüssel zu d. verborgenen Stein der Weisen"; "Das eröffnete philosophische Vatter-Hertz an seinen Sohn . . ."

93 RIOTS (The), at Birmingham, July 1791. xvi–[33] pp. Long 8°.
Birmingham, 1863

Text in English and French. Contains eight lithographic views of the principal houses destroyed during the riots, including that of Priestley. A reprint of the edition of 1791.

94 ROTH-SCHOLTZ, FRIEDRICH. Bibliotheca chemica. Hoc est Collectio auctorum fere omnium qui de naturæ arcanis, re metallica et minerali, item de melioratione corporum artificiali, etc., hermetice scripserunt . . . 5 parts in 1 vol. 8o, 49–[328] pp. 8°. Norimbergæ et Altdorfii, 1735, '27–29 [33]

Fascic. I is Ed. 2ª [Ed. 1ª 1727]. Titles of Stück. II. V. in Latin and German. Contains Portrait of Roth-Scholtz, N. Flamelle, J. F.

Helvetius, and O. Borrich.— Continuous paging.

Wretchedly edited and printed, this bibliographical curiosity is of no practical value. It extends only through G.

95 RULAND, MARTIN. LEXICON ALCHEMIÆ SIVE DICTIONARIUM ALCHEMISTICUM . . . [viii]–487 pp. Sm. 4°.
Frankfurt, 1612

An early chemical dictionary by one of the court physicians of Rudolph II. of Germany. Of value in explaining early terminology.

96 SCHEELE, CARL WILHELM. MÉMOIRES DE CHYMIE, traduits du suédois et de l'allemand. 2 parts: [iii]–vi–269; [iii]–vi–246 pp. Pl. 16°. Dijon et Paris, 1785
Translated by M^de. P*** and two others; and revised and annotated by M. de Morveau.

Scheele, a poor Swedish apothecary, with limited resources made many and valuable chemical discoveries.

97 SCHMIEDER, KARL CHRISTOPH. GESCHICHTE DER ALCHEMIE. x–613 pp. 8°. Halle, 1832

Written by a professor of Cassel to establish by historic proofs the verity of the transmutation of metals. Abounds in bibliographical notes of value.

98 SENDIVOGIUS, MICHAEL. A NEW LIGHT OF ALCHYMIE; added, A TREATISE OF SULPHUR. Also, nine books OF THE NATURE OF THINGS, by *Paracelsus*. Also, A CHYMICALL DICTIONARY. . . . All translated out of Latin into English by *J. F.*, M. D. [xvi]–147–[iii]–[viii]–145–[2] pp. Sm. 4°.
London, 1650

99 SENDIVOGIUS, MICHAEL. CHYMISCHE SCHRIFFTEN . . . ans Liecht gestellet durch F. Roth-Scholtzen. 404 pp. Pl. 12°.
Wienn, 1749

Contains also Sendivogius's "Epistolæ lv"; Synesius' "Chymische Schrifften"; Basil Valentine's "Via Veritatis"; Ripley's "Schrifften"; Artephius' "Haupt-Schlüssel"; and "Philosophische Vatter-Herz." *Cf.* RIPLEY, GEORGE.

100 SOMMERHOFF, J. C. LEXICON PHARMACEUTICO-CHYMICUM, Latino-Germanicum et Germanico-Latinum . . . 411 pp. Portrait. Folio. Norimbergæ, 1701

An extensive synonymicon of much utility.

101 SPIELMANN, JAC. REINBOLD. INSTITUTIONES CHEMIÆ. xiv–309–[lix] pp. 8°. Argentorati, 1763

A second edition was published in 1766. Contains a Syllabus Auctorum.

102 STARKEY, GEORGE [OR STIRK]. PYROTECHNY ASSERTED AND ILLUSTRATED to be the Surest . . . Means for Art's Triumph over Nature's Infirmities . . . [xviii]–172 pp. 12°. London, 1658

George Stirk was born in the Bermudas; was graduated at Harvard College in 1646. He went to England, and became noted for his chemical medicines.

For a list of ten treatises by him, see J. L. Sibley's "Biographical Sketches of Graduates of Harvard," Vol. I, Cambridge, 1873. One of these treatises is found in "Collectanea Chymica," *q. v.* *Cf.* WILSON, GEORGE.

103 STOLZ VON STOLZENBERG, DANIEL. VIRIDARIUM CHYMICUM, figuris cupro incisis adornatum . . . [cxi] ff. 107 pl. Oblong 16°. Francofurti, 1624

One hundred and seven plates, each with a verse, from Michael Maier's works and other sources.

104 THEATRUM CHEMICUM PRÆCIPUOS SELECTORUM AUCTORUM TRACTATUS DE CHEMIÆ ET LAPIDIS PHILOSOPHICI antiquitate, veritate . . . et operationibus, continens. . . . 6 vols.: I. [vi]–794–[xxx]; II. 549–[vii]; III. 859–[xiii]; IV. [viii]–1014–[xxxiii]; V. [viii]–912–[xxix]; VI. [xviii]–772–[xxv] pp. Il. 8°.

Sumptibus Zetzneri, Argentorati, 1659–61

Vol. VI is edited by J. J. Heilmann and differs somewhat in title. An earlier edition was issued in five volumes by the same Zetzner, 1613–22, but is less highly valued. This collection of 209 treatises on alchemy is catalogued in full by Lenglet Du Fresnoy in his "Histoire de la Philosophie hermétique."

105 TROIS TRAICTEZ DE LA PHILOSOPHIE NATURELLE . . . Le Secret Livre [d'] Artephius; — Les Figures Hiérogliphiques de N. Flamel; — Le Vray Livre [de] Synesius . . . Le tout traduict par *P. Arnauld.* 98 pp. Pl. Sm. 4°.

Paris, 1659

Artephius flourished about 1150; and Synesius about 380 to 440. Editions are numerous.

106 WEBSTER, JOHN. METALLOGRAPHIA; OR, AN HISTORY OF METALS . . . Wherein . . . also the Handling and Shewing of their Vegetability, and the Discussion of Questions belonging to Mystical Chymistry . . . [xvi]–388 pp. 12°.

London, 1671

A credulous author who discourses of the vegetability of metals; a follower of Paracelsus and a believer in the doctrines of the hermetic philosophers.

107 WENZEL, CARL FRIEDRICH. LEHRE VON DER VERWANDSCHAFT DER KÖRPER. [vii]–492 pp. Pl. 16°.

Dresdden, 1777

An important contribution to the theory of chemical affinity. For its contents and great rarity see Dr. R. Angus Smith's Memoir of John Dalton, London, 1856, pp. 160–166.

108 WIEGLEB, JOHANN CHRISTIAN. HISTORISCH–KRITISCHE UNTERSUCHUNG DER ALCHEMIE, oder der eingebildeten Goldmacherkunst . . . [xxii]–437–[ii] pp. 16°.

Weimar, 1777

109 WILSON, GEORGE. A COMPLEAT COURSE OF CHYMISTRY, containing . . . the best Chymical Medicines. Fourth edition. [xxxi]–[xxiv]–383–[xii] pp. Il. 12°.

London, 1721

Contains recipes for Mathew's pill, also for Starkey's pill; and describes a series of alchemical operations which were interrupted by a mob, who took the author for a "conjurer, or something worse, and broke my glasses and Athanor, saying, I was preparing the Devil's Fire-works to burn the city." *See* STARKEY, GEORGE; also MATHEW, RICHARD.

110 ZUCHOLD, ERNST AMANDUS. BIBLIOTHECA CHEMICA. Verzeichniss . . . in den Jahren 1840 bis Mitte 1858 . . . erschienenen Schriften. [vii]–342 pp. 8°.

Göttingen, 1859

Bound with this is a continuation by *Ruprecht, Rud.* BIBLIOTHECA CHEMICA ET PHARMACEUTICA. 1858 bis Ende 1870. 126 pp. 8°.

Göttingen, 1872

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